

J1130 U.S. PTO  
12/21/01Please type a plus sign (+) inside this box → 

12/28/01

PTO/SB/05 (03-01)

Approved for use through 10/31/2002. OMB 0651-0032  
U.S. Patent and Trademark Office U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

A  
Box  
Scot

# UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications under 37 C.F.R. 1.53(b))

Attorney Docket No. 2676-5174US

First Inventor Huylebroeck et al.

Title NUCLEIC ACID BINDING OF MULTI-ZING TRANSCRIPTION FACTORS

Express Mail Label No. EL740517171US

JC95 10/28/396  
12/21/01

12/21/01

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
*(Submit an original and a duplicate for fee processing)*
2.  Applicant claims small entity status.  
See 37 CFR 1.27.
3.  Specification [Total Pages 73]  
*(preferred arrangement set forth below)*  
 - Descriptive title of the Invention  
 - Cross Reference to Related Applications  
 - Statement Regarding Fed sponsored R & D  
 - Reference to sequence listing, a table, or a computer program listing appendix  
 - Background of the Invention  
 - Brief Summary of the Invention  
 - Brief Description of the Drawings (if filed)  
 - Detailed Description  
 - Claim(s)  
 - Abstract of the Disclosure
4.  Drawing(s) (35 U.S.C. 113) [Total Sheets 2 ]
5. Oath or Declaration [Total Pages 1]  
 a.  Newly executed (original or copy)  
 b.  Copy from a prior application (37 CFR 1.63 (d))  
*(for a continuation/divisional with Box 18 completed)*  
 i.  **DELETION OF INVENTOR(S)**  
 Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b).
6.  Application Data Sheet. See 37 CFR 1.76

**ADDRESS TO:** Assistant Commissioner for Patents  
Box Patent Application  
Washington, DC 20231

7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)  
 a.  Computer Readable Form (CRF)  
 b. Specification Sequence Listing on:  
 i.  CD-ROM or CD-R (2 copies); or  
 ii.  paper  
 c.  Statements verifying identity of above copies

**ACCOMPANYING APPLICATIONS PARTS**

9.  Assignment Papers (cover sheet & document(s))
10.  37 C.F.R. §3.73(b) Statement  Power of (when there is an assignee) Attorney
11.  English Translation Document (if applicable)
12.  Information Disclosure Statement (IDS)/PTO-1449  Copies of IDS Citations
13.  Preliminary Amendment
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)
15.  Certified Copy of Priority Document(s) (if foreign priority is claimed)
16.  Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.
17.  Other: \_\_\_\_\_

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment, or in an Application Data Sheet under 37 CFR 1.76:

 Continuation     Divisional     Continuation-in-part (CIP)

of prior application No: PCT / EP00/05582

Prior application information: Examiner \_\_\_\_\_ Group / Art Unit: \_\_\_\_\_

For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**17. CORRESPONDENCE ADDRESS** Customer Number or Bar Code Labelor  Correspondence address below

(Insert Customer Number or Bar Code Label here)

Name	24247			
	PATENT TRADEMARK OFFICE			
Address				
City	State		Zip Code	
Country	Telephone		Fax	

Name (Print/Type)	Allen C. Turner	Registration No. (Attorney/Agent)	33,041
Signature			Date
			December 21, 2001

Burden Hour Statement. This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS SEND TO: Assistant Commissioner for Patents, Box Patent Application, Washington, DC 20231

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

# FEE TRANSMITTAL for FY 2002

Patent fees are subject to annual revision.

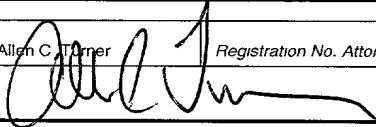
TOTAL AMOUNT OF PAYMENT (\$ 370 388)

## Complete if Known

Application Number	To be assigned
Filing Date	December 21, 2001
First Named Inventor	Huylebroeck et al
Examiner Name	To be assigned
Group / Art Unit	To be assigned
Attorney Docket No.	2676-5174US

METHOD OF PAYMENT (check one)					FEE CALCULATION (continued)																																																																																																																																																																																														
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number <input type="text" value="20-1469"/></p> <p>Deposit Account Name <input type="text" value="TraskBritt"/></p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>					<p>3. ADDITIONAL FEES</p> <table border="1"> <thead> <tr> <th>Fee Code</th> <th>Large Entity Fee (\$)</th> <th>Small Entity Fee (\$)</th> <th colspan="2">Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td></td></tr> <tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet</td><td></td></tr> <tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr> <tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for reexamination</td><td></td></tr> <tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr> <tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr> <tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr> <tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr> <tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr> <tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr> <tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr> <tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr> <tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr> <tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr> <tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr> <tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive – unavoidable</td><td></td></tr> <tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive – unintentional</td><td></td></tr> <tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr> <tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr> <tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr> <tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr> <tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17 (a)</td><td></td></tr> <tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr> <tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr> <tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR § 1.129(a))</td><td></td></tr> <tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37 CFR § 1.129(b))</td><td></td></tr> <tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr> <tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr> <tr><td colspan="5">Other fee (specify) _____</td><td></td></tr> <tr> <td colspan="5">*Reduced by Basic Filing Fee Paid</td> <td>SUBTOTAL (3) (\$ 0)</td> </tr> </tbody> </table>					Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description		Fee Paid	105	130	205	65	Surcharge - late filing fee or oath		127	50	227	25	Surcharge - late provisional filing fee or cover sheet		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive – unavoidable		141	1,280	241	640	Petition to revive – unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17 (a)		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))		149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))		179	740	279	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____						*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$ 0)
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description		Fee Paid																																																																																																																																																																																														
105	130	205	65	Surcharge - late filing fee or oath																																																																																																																																																																																															
127	50	227	25	Surcharge - late provisional filing fee or cover sheet																																																																																																																																																																																															
139	130	139	130	Non-English specification																																																																																																																																																																																															
147	2,520	147	2,520	For filing a request for reexamination																																																																																																																																																																																															
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																															
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																															
115	110	215	55	Extension for reply within first month																																																																																																																																																																																															
116	400	216	200	Extension for reply within second month																																																																																																																																																																																															
117	920	217	460	Extension for reply within third month																																																																																																																																																																																															
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																															
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																															
119	320	219	160	Notice of Appeal																																																																																																																																																																																															
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																															
121	280	221	140	Request for oral hearing																																																																																																																																																																																															
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																															
140	110	240	55	Petition to revive – unavoidable																																																																																																																																																																																															
141	1,280	241	640	Petition to revive – unintentional																																																																																																																																																																																															
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																															
143	460	243	230	Design issue fee																																																																																																																																																																																															
144	620	244	310	Plant issue fee																																																																																																																																																																																															
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																															
123	50	123	50	Processing fee under 37 CFR 1.17 (a)																																																																																																																																																																																															
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																															
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																															
146	740	246	370	Filing a submission after final rejection (37 CFR § 1.129(a))																																																																																																																																																																																															
149	740	249	370	For each additional invention to be examined (37 CFR § 1.129(b))																																																																																																																																																																																															
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																															
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																															
Other fee (specify) _____																																																																																																																																																																																																			
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$ 0)																																																																																																																																																																																														
<p>2. Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check    <input type="checkbox"/> Credit card    <input type="checkbox"/> Money Order    <input checked="" type="checkbox"/> Other</p>																																																																																																																																																																																																			
FEE CALCULATION																																																																																																																																																																																																			
<p>1. BASIC FILING FEE</p> <table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th colspan="3">Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td><input type="text" value="370"/></td></tr> <tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td><input type="text"/></td></tr> <tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td><input type="text"/></td></tr> <tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td><input type="text"/></td></tr> <tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td><input type="text"/></td></tr> </tbody> </table> <p>SUBTOTAL (1) (\$ 370)</p>										Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description			Fee Paid	101	740	201	370	Utility filing fee	<input type="text" value="370"/>	106	330	206	165	Design filing fee	<input type="text"/>	107	510	207	255	Plant filing fee	<input type="text"/>	108	740	208	370	Reissue filing fee	<input type="text"/>	114	160	214	80	Provisional filing fee	<input type="text"/>																																																																																																																																																						
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description			Fee Paid																																																																																																																																																																																														
101	740	201	370	Utility filing fee	<input type="text" value="370"/>																																																																																																																																																																																														
106	330	206	165	Design filing fee	<input type="text"/>																																																																																																																																																																																														
107	510	207	255	Plant filing fee	<input type="text"/>																																																																																																																																																																																														
108	740	208	370	Reissue filing fee	<input type="text"/>																																																																																																																																																																																														
114	160	214	80	Provisional filing fee	<input type="text"/>																																																																																																																																																																																														
<p>2. EXTRA CLAIM FEES</p> <table border="1"> <thead> <tr> <th>Total Claims</th> <th>Independent Claims</th> <th>Extra Claims</th> <th>Fee from below</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>17</td><td>5</td><td>** = 0</td><td>X 0</td><td>= 0</td></tr> <tr><td></td><td></td><td>3 ** = 82</td><td>X 9</td><td>= 818</td></tr> <tr><td></td><td></td><td></td><td>X 0</td><td>= 0</td></tr> </tbody> </table>										Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid	17	5	** = 0	X 0	= 0			3 ** = 82	X 9	= 818				X 0	= 0																																																																																																																																																																						
Total Claims	Independent Claims	Extra Claims	Fee from below	Fee Paid																																																																																																																																																																																															
17	5	** = 0	X 0	= 0																																																																																																																																																																																															
		3 ** = 82	X 9	= 818																																																																																																																																																																																															
			X 0	= 0																																																																																																																																																																																															
<table border="1"> <thead> <tr> <th>Large Entity Fee Code (\$)</th> <th>Small Entity Fee Code (\$)</th> <th colspan="3">Fee Description</th> <th>Fee Paid</th> </tr> </thead> <tbody> <tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td><input type="text"/></td></tr> <tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td><td><input type="text"/></td></tr> <tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim, if not paid</td><td><input type="text"/></td></tr> <tr><td>109</td><td>84</td><td>209</td><td>42</td><td>** Reissue independent claims over original patent</td><td><input type="text"/></td></tr> <tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td><input type="text"/></td></tr> </tbody> </table> <p>SUBTOTAL (2) (\$ 818)</p>										Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description			Fee Paid	103	18	203	9	Claims in excess of 20	<input type="text"/>	102	84	202	42	Independent claims in excess of 3	<input type="text"/>	104	280	204	140	Multiple dependent claim, if not paid	<input type="text"/>	109	84	209	42	** Reissue independent claims over original patent	<input type="text"/>	110	18	210	9	** Reissue claims in excess of 20 and over original patent	<input type="text"/>																																																																																																																																																						
Large Entity Fee Code (\$)	Small Entity Fee Code (\$)	Fee Description			Fee Paid																																																																																																																																																																																														
103	18	203	9	Claims in excess of 20	<input type="text"/>																																																																																																																																																																																														
102	84	202	42	Independent claims in excess of 3	<input type="text"/>																																																																																																																																																																																														
104	280	204	140	Multiple dependent claim, if not paid	<input type="text"/>																																																																																																																																																																																														
109	84	209	42	** Reissue independent claims over original patent	<input type="text"/>																																																																																																																																																																																														
110	18	210	9	** Reissue claims in excess of 20 and over original patent	<input type="text"/>																																																																																																																																																																																														

\*\*or number previously paid, if greater. For Reissues, see above

SUBMITTED BY					Complete (if applicable)
Name (Print/Type)	Allen C. Turner	Registration No. Attorney/Agent)	33,041	Telephone	(801) 994-8723
Signature				Date	December 21, 2001

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

JC959 U.S. PRO  
10/028396  
12/21/01



**In re Application of:**

Huylebroeck et al.

**Serial No.:** To be assigned

**Filed:** December 21, 2001

**For:** NUCLEIC ACID BINDING OF MULTIZING FINGER TRANSCRIPTION FACTORS

**Examiner:** To be assigned

**Group Art Unit:** To be assigned

**Attorney Docket No.:** 2676-5174US

NOTICE OF EXPRESS MAILING

Express Mail Mailing Label Number EL 740517171 US  
Date of Deposit with USPS December 21, 2001  
Person making Deposit Blake Johnson

**Statement under 37 C.F.R. §§ 1.821(f)**

Box Patent Application  
Commissioner for Patents  
Washington, D.C. 20231

Sir:

I, Allen C. Turner, an attorney registered to practice before the United States Patent and Trademark Office and attorney of record for this application, state that:

1. The enclosed paper copy of the SEQUENCE LISTING, as well as the enclosed copy of the SEQUENCE LISTING in computer readable form (CRF), are in compliance with the requirements of 37 C.F.R. §§ 1.821 through 1.824.

2. The enclosed copy of the SEQUENCE LISTING in computer readable form (CRF) is believed to be identical to the paper copy of the SEQUENCE LISTING.

Respectfully submitted,



Allen C. Turner

Registration No. 33,041

Attorney for Applicants

TRASKBRITT, PC

P. O. Box 2550

Salt Lake City, Utah 84110-2550

Telephone: (801) 532-1922

Date: December 21, 2001

ACT/bv